

Light Duty Commercial High Performance Energy Saver Gas Water Heater



Photo is of
55X-80B-3N

The Light Duty Atmospheric Vent High Performance Models feature:

- **High Input Combustion System**—Generates enough hot water for mop sinks, wash tubs and large wash sinks in addition to standard commercial duty.
- **Helical Fin Flue**—Designed to maximize the amount of heat transferred to water decreasing recovery time. Minimizes air movement in the heater during standby periods to retard heat loss up the flue.
- **Factory Installed Hydrojet 2™ Total Performance System**—Cold water inlet sediment reducing device helps prevent sediment build up in tank.
- **Vitraglas® Lining**—Bradford White water heater tanks are protected from the corrosive effects of hot water by an exclusive ceramic porcelain-like coating. The Bradford White high silica Vitraglas® lining provides a tough interior surface for our hot water tanks.
- **Fully Automatic Controls**—Automatic temperature selection at your fingertips (up to 180°F). Built-in energy cut-off switch prevents abnormally high water temperature for extra safety. Built-in gas pressure regulation.
- **3/4" NPT Side Connections.**
- **Non-CFC Foam Insulation**—1" of energy saving insulation covers the sides and top of the tank, reducing the amount of heat loss while increasing jacket rigidity.
- **Water Connections**—3/4" NPT factory installed true dielectric fittings.
- **Two Protective Magnesium Anode Rods.**
- **4" "Snap Lock" Draft Diverter.**
- **T&P Relief Valve**—Installed.
- **Low Restriction Brass Drain Valve**—Durable tamper proof design.
- **Thermostatic Mixing Valve (ASSE Approved)**—Included.

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3-Year Limited Tank Warranties / 1-Year Limited Warranty on Component Parts.

For more information on warranty, please visit www.bradfordwhite.com

For products installed in USA, Canada and Puerto Rico. Some states do not allow limitations on warranties. See complete copy of the warranty included with the heater.

MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING U.S. PATENTS: 5,682,666; 7,634,976; 5,660,165; 5,954,492; 6,056,542; 6,935,280; 5,372,185; 5,485,879; 5,574,822; 7,971,560; 7,992,526; 6,684,821; 6,442,178; 7,334,419; 7,866,168; 7,270,087; 7,007,748; 5,596,952; 6,142,216; 7,699,026; 5,341,770; 7,337,517; 7,665,211; 7,665,210; 7,063,132; 7,063,133; 7,559,293; 7,900,589; 5,943,984; 8,082,888; 5,988,117; 7,621,238; 7,650,859; 5,761,379; 7,409,925; 5,277,171; 8,146,772; 7,458,341; 2,262,174. OTHER U.S. AND FOREIGN PATENT APPLICATIONS PENDING. CURRENT CANADIAN PATENTS: 2,314,845; 2,504,824; 2,108,186; 2,143,031; 2,409,271; 2,548,958; 2,112,515; 2,476,685; 2,239,007; 2,092,105; 2,107,012. Vitraglas® and Hydrojet® are registered trademarks of Bradford White® Corporation.

315-B-0914-A

Commercial Atmospheric Vent Gas Water Heater

Light Duty High Performance Energy Saver Models

NATURAL GAS AND LIQUID PROPANE MODELS

Meet or exceed ASHRAE 90.1b (current standard) C.E.C. Listed
82% Thermal Efficiency

| Model Number | Capacity | | | | | | Recovery at 100°F Rise* | | A Floor to Flue Conn | B Jacket Dia. | C Vent Size | D Floor to T&P Conn. | E Floor to Gas Conn. | F Floor to Space Heating Return in. | G Floor to Space Heating Outlet in. | H Floor to Heater Top | J Floor to Water Conn. † | K Depth | Approx. Shipping Weight |
|--------------|------------|----|---------------|---------------|-------------|-------------|-------------------------|-----|----------------------|--------------------------------|-------------|----------------------|----------------------|-------------------------------------|-------------------------------------|-----------------------|--------------------------|---------|--------------------------------|
| | | | Nat. U.S. GPH | Nat. Imp. GPH | LP U.S. GPH | LP Imp. GPH | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | in. | lbs. | |
| | 55X-80B-3N | 55 | 46 | 80,000 | 78,000 | 78 | 65 | 76 | 63 | 59 ⁵ / ₈ | 22 | 4 | 50 | 14 ¹³ / ₁₆ | 15 ⁷ / ₁₆ | 50 | 56 | 60 | 26 ¹ / ₄ |

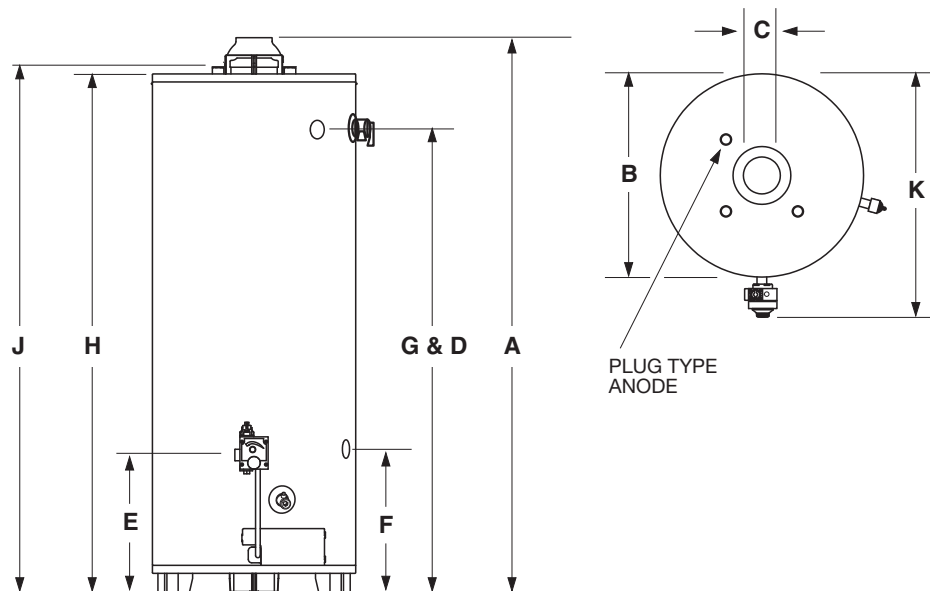
| Model Number | Capacity | | | | | | Recovery at 56°C Rise* | | A Floor to Flue Conn | B Jacket Dia. | C Vent Size | D Floor to T&P Conn. | E Floor to Gas Conn. | F Floor to Space Heating Return mm. | G Floor to Space Heating Outlet mm. | H Floor to Heater Top | J Floor to Water Conn. † | K Depth | Approx. Shipping Weight |
|--------------|------------|-----|---------------|-------------|-------------------|-----------------|------------------------|------|----------------------|---------------|-------------|----------------------|----------------------|-------------------------------------|-------------------------------------|-----------------------|--------------------------|---------|-------------------------|
| | | | Nat. kW Input | LP kW Input | Nat. Liters/ Hour | LP Liters/ Hour | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | kg. |
| | 55X-80B-3N | 208 | 208 | 23.5 | 22.9 | 295 | 287 | 1514 | 559 | 102 | 1270 | 376 | 392 | 1270 | 1422 | 1524 | 667 | 91 | |

Propane models feature a Titanium Stainless Steel propane burner.

For propane (LP) models, change "B" to "S" and "N" to "X".

*Based on manufacturers rated recovery efficiency.

†Dimension to top of installed mixing device.



General

All gas water heaters are certified at 300 PSI test pressure (2068 kPa) and 150 PSI working pressure (1034 kPa). All water connections are 3/4" NPT (19mm) on 8" (203mm) centers. All gas connections are 1/2" (13mm).

All models design certified by CSA International (formerly AGA/CGA), ANSI standard Z-21.10.3 and peak performance rated.

Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.

Suitable for Water (Potable) Heating and Space Heating.

Toxic chemicals, such as those used for boiler treatment, shall NEVER be introduced into this system. This unit may NEVER be connected to any existing heating system or component(s) previously used with a non-potable water heating appliance.



For U.S. and Canada field service, contact your professional installer or local Bradford White sales representative.

Sales 800-523-2931 • Fax 215-641-1670 / Technical Support 800-334-3393 • Fax 269-795-1089 • Warranty 800-531-2111 • Fax 269-795-1089

International: Telephone 215-641-9400 • Telefax 215-641-9750 / www.bradfordwhite.com

BRADFORD WHITE-CANADA INC. Sales / Technical Support 866-690-0961 / 905-238-0100 • Fax 905-238-0105 / www.bradfordwhite.com

Built to be the Best™

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